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6555 KATELLA AVENUE • CYPRESS • CALIFORNIA • 90630 • 714-761-7300 • FAX 714-229-7944

June 17, 2019

Director, Certification Division Mobile Source Air Pollution Control US EPA 2565 Plymouth Rd. Ann Arbor, MI. 48105

Dear Director:

Please find enclosed model year 2020 application for Yamaha's On Road Motorcycle family LYMXC.998GEL.

Per 40 CFR86.437-78 (a)(1) I hereby state that the test vehicles with respect to which data are submitted have been tested in accordance with the applicable test procedures, that they meet the requirements of such tests, and that, on the basis of such tests, they conform to the requirements of the regulations in this part.

If such statements cannot be made with respect to any vehicle tested, the vehicle shall be identified, and all pertinent test data relating thereto shall be supplied.

Further, I hereby state that production motorcycles are identical in all material respects to the motorcycles tested and described in the application for certification. These motorcycles do not have adjustable parameters.

Additionally, I hereby state that the 'Emission Control Information Label' is permanently affixed to the vehicle during the production process.

As Yamaha's representative for EPA matters, I can be reached at:

Yamaha Motor Corporation U.S.A. 6555 Katella Ave. Cypress, CA 90630-5101

Phone: 714-761-7754 Fax: 714-229-7944

Sincerely.

Jay Tanner

Senior Certification Specialist

Government Relations and Certification Division

On-Highway Motorcycle Certificate Review Sheet - March 7, 2005

× Ce		MAHA MOTOR CORPORATION USA	Model Year 2020_
	(Mu	st be a U.S. manufacturer or U.S. importer/distributor)	FALEE
	ne Family LYMXC.998GEL	Evaporative Family LYMXPME	IALFO
⊥ Ca	lifornia Only	CARB Executive Order Number N/A	<u> </u>
Smal	l Volume: □ <10,000 Sales;		
		d < 500 Worldwide Employees of the OEM &	their U.S. Importers)
	rcycle Class:		
VIOLU	reyele class.) = 1-D (30-105cc) = 11 (170-275cc)	= III (200cc ex up)
Moto	rcycles are produced by YAMA	AHA MOTOR CO. LTD.	(Identify the OEM)
Moto	rcycles are produced at WAT	A, JAPAN (Loca	ation of OEM Plant(s)
Mode	els to be listed on Certificate:	YZFR1LL, YZFR1LB, YZFR1LCL, YZFR1LCB, YZF	R1ML,
		YZFR1MLC	
Com	ments:		
			9
		end letter to EPA describing your company's p	
	EPA guidance package. Is	this the first Certificate issued to your compar	ıy? □ Yes; □ No.
2.	New manufacturers or new	U.S. importers of foreign motorcycles must ob	tain an FDA assigned
•		codes; See www.epa.gov/otaq/cfeis.htm.	tam an EFA assigned
	manufacturer (or importer)	codes; see www.epa.gov/otaq/cleis.iiiii.	
			_
3.		families; ref 40CFR 86.420-78, EPA guidance le	
	11, 2004, and VPCD-96-12, I	Dec. 3, 1996; available at http://epa.gov/otaq/cert.	<u>/dearmfr/dearmfr.htm.</u>
	61 1:14	CED 04 40 4 04 402 N. I	6 41 6 11
4.	Select test vehicle(s); ref 40	CFR 86.418 to 86.423. Number of test vehicles	s for this family
5.	Locate a test laboratory can	pable of performing EPA tests; ref. www.epa.gov/o	tag/consumer/lablist.pdf.
	Laboratory where exhaust	tests were performed: YAMAHA MOTOR CO. LTI	D. ¹
	Laboratory where permeati	ion tests were performed (if applicable): SEE (SI
_			
5.		tion and exhaust testing. Ref. 40 CFR 86.426-78	
		lation (1/2 of useful life mileage for the class of moto	
		oval to accumulate 5000 total miles (total annual sales tests or more; ref. 40 CFR 86.427-78.	s < 300 units)
		t cycle used. Ungoverned Top speed (must b	e <36 5mph)
	□ 0-30cc. Modified lesi	t cycle used. Ongoverned Top speed (must b	e \30.3mpn)
7.	Perform evaporative and/or	permeation tests; Ref. 40 CFR 86.410(g) and 4	0 CFR 1051 Subpart F
•		ed evaporative testing as required by California regula	
		ed EPA permeation tests of fuel tank and fuel hoses; re	
	100, 210, 101011110		
8.	EPA Confirmatory Testing	: If selected for confirmatory testing, must provide	le vehicle to EPA's Ann
		or another EPA-designated laboratory; ref 40 CFR	
		아내가 하나가 하면 하면서 살 맛있는 것이 되었는데 하면 하는데 얼마나 바로 가는데 하면 하는데	Vaived by EPA
		,j,	, , , , , , , , , , , , , , , , , , , ,
9.	Submit fee payment & fee f	iling form; See CCD-04-14, July 2, 2004; ref wv	ww.epa.gov/otag/fee.htm
	ĭ Full Fee Paid: Amount P		

9. (continued)							
Number of vehicles paid for; Total retail value of all vehicles paid for \$							
☐ Copy of fee filing form & basis for reduced fees in application. (Do not send a copy of check.)							
Application for certification: Submit the completed application to EPA, preferably on CD; ref 40 86.416-80, 86.438-78, and 86.439-78: ■ Application follows EPA's recommended application format; ref. EPA 3/9/05 workshown application includes electronic & paper copy of CSI (Certification Summary Information)							
The application contains: ☐ A description of the manufacturing and assembly process; ☐ A copy of the agreement between the manufacturer and importer (imported motorcycles only); ☑ Description of vehicles covered by the certificate (vehicle, engine, transmission parameters, etc); ☑ Name and address of the original vehicle manufacturer; ☑ Name and address of the original engine manufacturer; ☑ A detailed description of catalytic converter(s) and emission-related components; ☑ A detailed description of carburetor or fuel injection (manufacturer, model number, etc); ☑ Part numbers of carburetor/fuel injection, catalysts, and emission-related components for all Federal and California models covered by the certificate; ☑ Test data including description of test vehicle(s), emission data & maintenance log; ☐ Email & paper copy of EPA excel files: Engine Family & Test Information Sheets; (not required if CSI provided to EPA) ☑ A statement of compliance as required by 40 CFR 86.437-78(a)(1) or (b)(ii); and ☑ A statement that production motorcycles are identical in all material respects to the motorcycles tested and described in the application for certification.							
Emission Control Information Label; ref. 40 CFR 86.413-78:							
11. Agreement between importer and a foreign motorcycle manufacturer: The application shall include a							

11. Agreement between importer and a foreign motorcycle manufacturer: The application shall include a letter from the OEM to EPA (on the OEM's letterhead & signed by a vice president or higher) authorizing the applicant to import and distribute motorcycles in the U.S. The agreement shall include the following:

Complete identification of the OEM. Include all company names, aliases, subsidiary companies, parent companies and subcontractors associated with the manufacturer of motorcycles. Provide a brief history of

the OEM, number of years the OEM has been in business, the official OEM website; the number and location of all manufacturing plants, the number of employees. Provide the name address, telephone number and email address of key personnel including plant manager(s). Provide a complete list of motorcycles, ATVs, non-road engines, on-road engines and other products manufactured by the OEM (identified by make, model and engine).

	dentity an entities authorized to import your motorcycles/engines into the U.S.
	Provide the number of motorcycles and engines (identified by make, model, engine size, engine type) which are
	1) produced annually by OEM; and 2) imported into the U.S. (including models imported by other entities).
	☐ Authorize the applicant to import your products. Completely identify applicant (importer who
	will be issued a certificate). Include all company names, aliases, subsidiary companies, parent companies and
	subcontractors associated with the importation of motorcycles. Provide a brief history of the Importer, number of
	years the Importer has been in business, the official Importer website; the number and location of all Importer
	offices and employees. Provide the name, address, telephone number & email address of key Importer personnel.
	☐ Identify the Importer/Certificate Holder's obligations to the OEM.
	☐ Identify the OEM's obligations to the Importer/Certificate Holder.
	☑ Identify the models which the applicant is authorized to import: Provide a complete list of
	motorcycle models, engines and other emission-regulated products authorized to be imported by the Importer
	(identified by nameplate, make, model, engine size, engine type and the quantity imported). Include vehicles and
	engines in this and other engine families intended for certification during the model year. Indicate whether such
	vehicles and engines will comply with U.S. emission requirements when they leave the OEM factory.
	Assure that "Service of Process" is provided. Provide the name and contact information of a
	cognizant representative of the manufacturer (normally the importer/certificate holder) who EPA can contact for
	emission compliance, warranty and other issues. Identify who will be responsible for supplying parts, service, and
	warranty service to customers. Outline who will be responsible to establish a dealer network, provide service
	information and provide training to dealer service personnel. Describe how customer feedback will be provided
	from customers and dealers to the importer and to the manufacturer. Describe how the certificate holder (the
	importer) will be made aware of all emission-related running changes made to production motorcycles & engines.
	☐ EPA only: Agreement was reviewed by:
12.	On-Highway Motorcycle Emission Standards; ref. 40 CFR 86.410-90, 86.410-2006:
	☐ Tier 0: 5 g/km HC, 12 g/km CO [1978-2005 model year vehicles]
	☐ Tier 1 Class I-A, Class I-B and Class II [2006 and later model year vehicles]:
	□ 1.0 g/km HC, 12.0 g/km CO; or
	■ 1.4 g/km HC+NOx or a FEL ofg/km HC+NOx; 12.0 g/km CO;
	Note: Family Emission Limit (FEL) must be ≤ 5.0 g/km HC+NOx
	\square Tier 1 Class III [2006-2009; or 2008 ⁺ for small volume (<3000 sales and <500 employees)]:
	□ 1.4 g/km HC+NOx or a FEL ofg/km HC+NOx; 12.0 g/km CO
	Note: Family Emission Limit (FEL) must be ≤ 5.0 g/km HC+NOx
	▼ Tier 2: [Class III only; 2010 ⁺ model year vehicles]:
	□ 0.8 g/km HC+NOx or a FEL of g/km HC+NOx; 12.0 g/km CO
	Notes: Tier 2 is only applicable to large volume (\geq 3000 sales and \geq 500 employees).
	Family Emission Limit (FEL) must be ≤ 2.5 g/km HC+NOx.
	▼ Test vehicle(s) passed all applicable exhaust emission standards
	☐ Small Volume Hardship Provisions approved (1 year grace period); ref 86.446-2006, 447-2006
	Comments:
	Commences.
13.	Permeation Standards: [2008 ⁺ or 2010 ⁺ for small volume (<3000 sales and <500 employees)]:
	Tested to demonstrate compliance with Class I-A, I-B, II, III standards, ref. 86.1051.245:
	Fuel Tank: 1.5 g/m ² /day or g/m ² /day FEL; and
	Fuel Hoses: 15 g/m ² /day
	▼ Test vehicle(s) passed all applicable emission standards
	☐ Certified by Design; ref. 40 CFR 86.1051.245(e):
	Fuel Tank: ☐ Metal Tank with low permeability seals and gaskets; or
	☐ Metal Tank with gasket exposed surface area of 1000 mm² or less
	Fuel Hoses: ☐ All hoses meet Category 1 permeation specifications in SAE J2260
	☐ All hoses meet R11-A or R12 permeation specifications in SAE J30

Comments:	Provisions approved (1 year grace per	10d); ref 86.	.446, 86.447
14. Additional Requirements if	f Using FELs:		
☐ Application includes Preliminary Cla If projecting	g a deficit, source of (Class III) offsetting cre	alculations.	z/km
Preliminary Cla If projecting Yes or □ No: Class Application includes (f)(1) The corporals classes of motor	ass III Corporate Average HC+NOx: 0.5822 g a Tier 2 deficit, source of (early Tier2) offs. III credits will be used in Class I/II Corporate the statements required by 40CFR 86.449(f) orate average HC+NOx emission level will borcycles; and (h) Certifying the accuracy of H in end-of-year report within 120 days after mend-of-year report within 120 days after mend-of-	etting credits: e Average. (1) and (h): ee below the s	tandard for all ulations.
☐ FEL for this family i	anking Provisions are used for this eng s less than .8g/km HC+NOx as required by 4 8g/km HC+NOx to this family for Tier 1 corp	0 CFR 86.449	9(j)
☐ FEL Raised: Must re	g revised for this family before the mode calculate preliminary average & make new c supply supporting data (e.g. production data	ompliance sta	atements.
(Fuel tank permeation I ☐ Metal tanks are exclu ☐ Application includes Preliminary Co If projecting a o [Fuel ta ABT no ☐ Agree to send EPA a	Averaging used for this evaporative fame FELs for evaporative families cannot be revisuated from averaging calculations (as required preliminary Corporate Average Permeations: proporate Average fuel tank permeations: deficit, source of offsetting credits: mk deficits are allowed thru 2010, only. Deficits of allowed between hwy motorcycles and off-hwy in end-of-year report within 90 days after the model year ends; ref. 1051.730(a).	ted before the d by 40 CFR d calculations.	model year ends) 410-2006(g)) g/m²/day ated by the end of 2011. ATVs; ref 86.449-(g).]
(Allowed prior	arly Banking Provisions used for this for to 2008 for large volume mfrs; prior to 2010 s 3.0 g/m²/day as required by 40 CFR 86.105	for small vol	ume mfrs)
Comments: SEE CSI			
 Build vehicles to certifi Affix emission label to Supply customers with Send end-of year report 	rate of Conformity; ref 40 CFR 86.437-78. The specifications (identical to application for each vehicle produced during the production parts, service, owner's manuals, warranty, et to EPA within 120 days after model year envoluntary emission-related recall reports to Experimental envoluntary.	process per 8 c. ds (if using F	86.413-78(a)(1). ELs), per 86.449(g).
I certify that to the best of my kno	wledge the above statements are true:		
Applicant's Signature:	Jay Tanner	Date: _	6/17/19
EPA: Certificate Reviewed by :		Date:	





Your payment has been submitted to Pay.gov and the details are below. If you have any questions regarding this payment, please contact Laura Collier at (202) 564-7593 or collier.laura@epa.gov.

Application Name: Motor Vehicle and Engine Compliance Program Fees

Pay.gov Tracking ID: 26I502N5 Agency Tracking ID: 75771168143

Transaction Type: Sale

Transaction Date: 06/14/2019 01:16:04 PM EDT

Account Holder Name: Linda Fox Transaction Amount: \$1,852.00

Card Type: Visa

Card Number: **********0416

Engine Family: LYMXC.998GEL

ICI VIN Number: Process Code: New

THIS IS AN AUTOMATED MESSAGE. PLEASE DO NOT REPLY.



Pay.gov is a program of the U.S. Department of the Treasury, Bureau of the Fiscal Service

MODEL	COLOR		
YZFR1LL	DEEP PURPLISH BLUE METALLIC		
YZFR1LB	BLACK METALLIC		
YZFR1LCL	DEEP PURPLISH BLUE METALLIC Cal model		
YZFR1LCB	BLACK METALLIC Cal model		
YZFR1ML	BLUISH WHITE METALLIC		
YZFR1MLC	BLUISH WHITE METALLIC Cal model		



Manufacturer: YAMAHA MOTOR CO., LTD.

Emission control system: TWC (two TWCs in between exhaust-pipe and muffler)

SFI (eight SFIs on intake manifolds) HO2S (two HO2Ss on exhaust pipe) PAIR (one PAIR on upper of engine)

Displacement: 998 cm3

VIN: JYARN66E*LAxxxxxx (YZFR1LL; YZFR1LB 49 states model)

JYARN66Y*LAxxxxxx (YZFR1LCL; YZFR1LCB California state model)

JYARN67E*LAxxxxxx (YZFR1ML 49 states model)

JYARN67Y*LAxxxxxx (YZFR1MLC California state model)

Model is indicated by the 4^{th} - 7^{th} character.

VEHICLE EMISSION LABEL INFORMATION

Manufacuturer: YAMAHA MOTOR CO., LTD.

Engine Family: LYMXC.998GEL

Vehicle Emission Control Information Label

Label Location: Back surface of Air Filter Ass'y

For 49 States

YZF1000; YZF1000D

VEHICLE EMISSION CONTROL INFORMATION YAMAHA MOTOR CO., LTD ENG : LYMXC. 998GEL PERM : LYMXPMETALF5 TUNE-UP SPECIFICATIONS AND ADJUSTMENTS (REFER TO YOUR OWNER'S MANUAL) EXHAUST EMISSION CONTROL SYSTEM: 2TWC: SFI: PAIR: 2H02S DISPLACEMENT : 998 CIT SPARK PLUG GAP 0.6 - 0.7 mm VALVE LASH IN 0.09 - 0.17 mm , EX 0.18 - 0.23 mm IDLE SPEED: 1300 r/mi/IN NEUTRAL AT NORMAL OPERATING TEMPERATURE FUEL: UNLEADED GASOLINE 95 RON MIN ENGINE OIL: SAE 10W-40 NO OTHER ADJUSTMENTS NEEDED. THIS VEHICLE CONFORMS TO US EPA REGULATIONS APPLICABLE TO 2020 NODEL YEAR NEW MCs
AND IS CERTIFIED TO HCHNOX 0.6 (g/km) ENGINE FAMILY EXHAUST ENISSION LIMIT.
THIS MC MEETS 1986 AND LATER EPA NOISE EMISSION REQUIREMENTS OF THE FED. TEST PROCEDURES.
MODIFICATIONS WHICH CAUSE THIS MC TO EXCEED FED. NOISE ST'D ARE PROHIBITED BY FED. LAW. SEE OWNER'S NANUAL. LIMIT/CLOSING : 80 dBA / 6325 r/min MODEL CODE: YAMB3L0998

For California

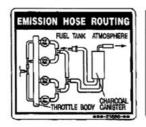
YZF1000C; YZF1000DC

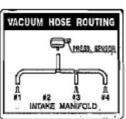
VEHICLE EMISSION CONTROL INFORMATION YAMAHA MOTOR CO., LTD ENG : LYMXC. 998GEL PERM : LYNXPNETALF5 EVAP : LYMXU0016YDA TUNE-UP SPECIFICATIONS AND ADJUSTMENTS (REFER TO YOUR OWNER'S MANUAL) DISPLACEMENT EXHAUST EMISSION CONTROL SYSTEM: 2TWG; SFI; PAIR: 2H02S 998 cm³ SPARK PLUG GAP 0.6 - 0.7 mm VALVE LASH: IN 0.09 - 0.17 mm , EX 0.18 - 0.23 mm IDLE SPEED: 1300 r/milN NEUTRAL AT NORMAL OPERATING TEMPERATURE FUEL: UNLEADED GASOLINE 95 RON MIN ENGINE OIL NO OTHER ADJUSTMENTS NEEDED. THIS VEHICLE CONFORMS TO US EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 2020 MODEL YEAR NEW MGS EPA FEL: HC+NOx 0.6 (g/km) / CALIFORNIA FEL: HC+NOx 0.6 (g/km)
THIS NC MEETS 1986 AND LATER EPA NOISE EMISSION REQUIREMENTS OF THE FED. TEST PROCEDURES.
MODIFICATIONS WHICH CAUSE THIS NC TO EXCEED FED. NOISE ST'D ARE PROHIBITED BY FED. LAW.
SEE OWNER'S MANUAL. LIMIT/CLOSING: 80 dBA / 6325 r/min MODEL CODE: YAMB3L0998

Vacuum Hose Routing Diagram Label Location:

Label Location: Back surface of Air Filter Ass'y

For California model only





The labels used are designed to withstand for the vehicle's total expected life, typical vehicle environmental conditions at the location where they have been attached.

The typical conditions include, but are not limited to, exposure to engine fuels, lubricants and coolants, engine operating temperatures, steam cleaning, and paints or paint solvents.



Model Year: 2020

Manufacturer Name: Yamaha Motor Co., Ltd.

Engine Family: LYMXC.998GEL

- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	EMISSION RELATED PART NUMBERS					
	49 States	California	MANUFACTURER			
Fuel System:						
Carb/Mixer Assembly						
Fuel Injector	B3L-13761-00 (x4)	B3L-13761-00 (x4)	BOSCH CORPORATION			
	14B-13761-10 (x4)	14B-13761-10 (x4)	DENSO CORPORATION			
Fuel Pump	2CR-13907-00	2CR-13907-00	MITSUBISHI ELECTRIC CORPORATION			
ECM						
Pressure Regulator	2CR-13907-00 (F.Pump)	2CR-13907-00 (F/P)	MITSUBISHI ELECTRIC CORPORATION			
Oxygen Sensor	1WS-8592A-00	1WS-8592A-00	DENSO CORPORATION			
	2CR-8592A-10	2CR-8592A-10				
Other (Throttle Body)	B3L-13750-10	B3L-13750-20	MIKUNI CORPORATION			
Intake System						
Air Cleaner Element	B3L-14451-00	B3L-14451-00	YAMATO CO., LTD.			
Intake Manifold (Joint)	B3L-13635-00	B3L-13635-00	ARAI SEISAKUSHO CO., LTD.			
	B3L-13636-00	B3L-13636-00				
Turbocharger						
Supercharger						
Charge Air Cooler						
Other (Specify)						
Ignition System						
Spark Plug	NGK: LMAR9E-J	NGK: LMAR9E-J	NGK SPARK PLUG CO., LTD.			
Ignition Coil	2CR-82310-00 (x4)	2CR-82310-00 (x4)	MITSUBISHI ELECTRIC CORPORATION			
Ignition Control Valve Module						
Distributor						
Other (ECU)	B3L-8591A-10	B3L-8591A-10	DENSO CORPORATION			
EGR:						
EGR Valve Assembly						
Vacuum Control Valve						
Air Injection						
Control Valve (Reed Valve)	5SL-14890-00	5SL-14890-00	EAGLE INDUSTRY CO., LTD.			
Check Valve						
Solenoid Valve						
Aftertreatment System:						
Catalyst	B3L-14741-10	B3L-14741-10	CATALER CORPORATION			
Exhaust Manifold						
Crankcase System:		· 				
PCV Valve						

YAMAHA MOTOR CO., LTD.

Engine Family: LYMXC.998GEL

CATALYTIC CONVERTER INFORMATION

- a. Type/Number/Arrangement: TWC / 2 / Parallel
- b. Location: Exhaust Pipe Ass'y (between Ex.Pipe and Muffler)
- c. Catalyst Manufacturer: CATALER CORPORATION
- d. Substrate:
 - (ii) Construction: Honeycomb
 (iii) Metallic
 - (iv) Composition: Metallic
- e. Active Material:

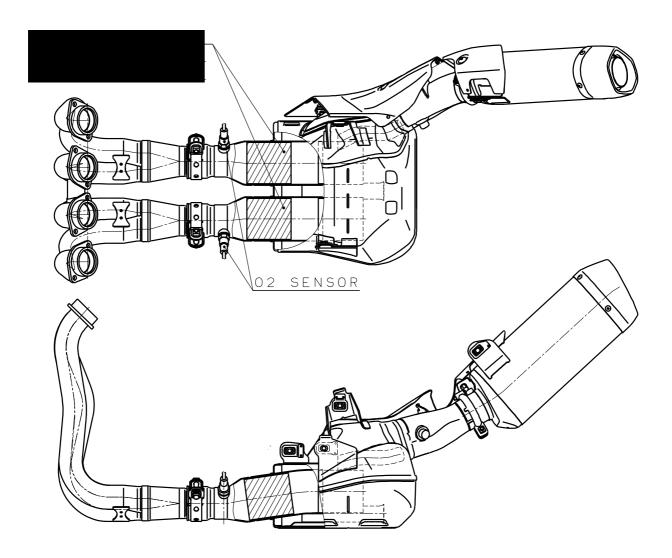


CONFIDENTIAL

YAMAHA MOTOR CO., LTD.

Engine Family: LYMXC.998GEL

Exhaust Pipe Ass'y



計測責任者 Test Engineer

1. Tamwa

車両試験データ TEST READ OUT

Model	YZF1000DC	Drive	M.MAKI							
Vehicle Id	JYARN67Y9LA000001	Operator	T.YOSHIYAMA							

	ָ	ָ כ	
•	\	/	

テストタイプ				
MIXTURE PRESSURE	2.90			kg/cm²
走行時間 Test Time	開始(Start)	9:24	終了(Stop)	10:06
全走行距離 Total Tet Distance		17.703		km
天候 Weather				
大気圧 Atmosphere	101.0			kPa

	Yct	Ys	Yht	Mean
DRY TEMP	297.9	299.4	297.3	298.2 ĸ
WET TEMP	291.4	292.3	291.2	291.6 K
HUMIDITY	53.22	51.07	55.19	53.16 %
Тр	315.1	314.1	313.0	314.1 K
G1(=PP)	1	1	1	1.0 kPa

	ВАС	à	НС	co	NO _x	CO2	希釈ガス量 Vmix	走行距離 Test Distance
	Sample (4)	測定値 Read Out	42.120	141.570	1.830	0.997 %	50.36	5.765
Yct -	Air (1)	測定値 Read Out	1.980	0.030	0.010	0.043	m ³	km
	Sample (5)	測定値 Read Out	8.310 ppm	7.310	1.370	0.754		6.181
Ys -	Air (2)	測定値 Read Out	2.010	0,030	0.010	0.043		
	Sample (6)	測定値 Read Out	52.610	115.220	1.950	0.903	50.50	5.757
Yht -	Air (3)	測定値 Read Out	2.050	0.090	0.010	0.043		
	=1 *** ***					CO ₂	燃費(Fuel Economy)	, , , ,
計算結果 Calculations		0.139	0.683	0.034	164.601	32.53	13.83 km/l	

書類配布先

REMARKS

Test No.

20-N535-02

測定年月日 Test Date 2019 (Y) 3 (M) 12 (D)

計測責任者 Test Engineer

車両試験データ **TEST READ OUT**

Model	YZF10000C	Drive	M.MAKI						
Vehicle Id	JYARN67Y9LA000001	Operator	T.YOSHIYAMA						



テストタイプ	7037km					
MIXTURE PRESSURE		2.90		kg/cm²		
走行時間 Test Time	開始(Start)	9:21	終了(Stop)	10:02		
全走行距離 Total Tet Distance		km				
天候 Weather		F				
大気圧 Atmosphere	100.5			kPa		

	Yct	Ys	Yht	Mean
DRY TEMP	297.2	299.1	297.4	297.9 к
WET TEMP	291.2	292.1	291.3	291.5 к
HUMIDITY	55.81	51.43	55.35	54.20 %
Тр	315.3	314.2	313.2	314.2 к
G1(=PP)	1	1	1	1.0 kPa

	ВАС	ì	нс	co	NO _x	CO2	希釈ガス量 │ Vmix	走行距離 Test Distance
	Sample (4)	測定値 Read Out	47.470	160.750	1.800	0.958	50.09	5.760
Yct	Air (1)	測定値 Read Out	2.270	0.410	0.010	0.043		
			ppm	ppm	ppm		% m³	km
	Sample (5)	測定値 Read Out	15.190	21.640	1.280	0.726		
Ys			ppm	ppm	ppm		<u>%</u> 86.24	6.209
	Air (2)	測定値 Read Out	2.210	0.390	0.010	0.043		
	(2)	.read Out	ppm	ppm	ppm		% m³	km
	Sample (6)	測定値 Read Out	56.560	130.760	1.920	0.870		
Yht -	(0)	Read Out	ppm	ppm	ppm		% 50.24	5.760
1110	Air	測定値	2.410	0.420	0.010	0.043		
	(3)	Read Out	ppm	ppm	ppm		% m³	km
			HC	co	NO _x	CO2	燃費(Fuel Economy)	
計算結果 Calculations		0.176	0.877	0.032	156.937	34.02	14.46	

g/km

書類配布先

REMARKS

YAHAMA MOTOR CO., LTD.

mile/gal

測定年月日 Test Date 2019 (Y) 3 20-N535-03 Test No.

計測責任者 Test Engineer 7. Tanura

車両試験データ TEST READ OUT

Model	Model YZF1000DC		M.MAKI	
Vehicle Id	JYARN67Y9LA000001	Operator	T.YOSHIYAMA	



テストタイプ	7067km				
MIXTURE PRESSURE		kg/cm²			
走行時間 Test Time	開始(Start)	9:23	終了(Stop)	10:04	
全走行距離 Total Tet Distance		17.709			
天候 Weather		F			
大気圧 Atmosphere		101.8			

	Yct	Ys	Yht	Mean
DRY TEMP	296.9	299.3	297.4	297.9 к
WET TEMP	291.2	292.1	291.0	291.4 к
HUMIDITY	57.34	50.25	53.23	53.60 %
Тр	315.4	314.2	313.3	314.3 к
G1(=PP)	1	1	1	1.0 kPa

	BAC		НС	co	NO _x	CO2	希釈ガス量 Vmix	走行距離 Test Distance
Yct	Sample (4)	測定値 Read Out	49.090	175.980	1.770	0.956	50.68	5.757
IGL	Air (1)	測定値 Read Out	2.410	0.290	0.010	0.045	√ m³	_km
Ys	Sample (5)	測定値 Read Out	16.640	24.570	1.350	0.723	87.29	6.185
IS	Air	測定値 Read Out	2.190	0.310	0.010 ppm	0.044	m^3	km
Yht	Sample (6)	測定値 Read Out	59.510	139.700	2.030	0.870	50.86	5.767
Ynt	Air (3)	測定値 Read Out	2.180	0.290	0.010	0.043	4 m³	km
	計算結 Calculat		нс 0.191	co 0.973	^{NO} x 0.034	co, 158.469	燃費(Fuel Economy) 33.64	14.30

g/km

書類配布先

REMARKS

YAHAMA MOTOR CO., LTD.

mile/gal

km/l

計測責任者 Test Engineer 7. Tamera

車両試験データ TEST_READ OUT

Model	YZF1000DC	Drive	M.MAKI
Vehicle Id	JYARN67Y9LA000001	Operator	T.YOSHIYAMA

g/km

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テストタイプ		13046km				
MIXTURE PRESSURE	2.90			kg/cm²		
走行時間 Test Time	開始(Start)	13:28	終了(Stop)	14:09		
全走行距離 Total Tet Distance		km				
天候 Weather		С				
大気圧 Atmosphere		101.2				

	Yct	Ys	Yht	Mean
DRY TEMP	297.6	299.1	297.2	298.0 к
WET TEMP	291.2	292.0	291.1	291.4 к
HUMIDITY	53.52	50.72	55.06	53.10 %
Тр	318.7	314.7	313.2	315.5 к
G1(=PP)	1	1	1	1.0 kPa

	BAC		НС	co	NO _x	CO2	希釈ガス量 Vmix	走行距離 Test Distance
Yct	Sample (4)	測定値 Read Out	48.650	177.680	1.800 ppm	0.957	50.23	5.765
rgu	Air (1)	測定値 Read Out	2.490	0.010 ppm	0.010	0.044	% m³	km
Ys	Sample (5)	測定値 Read Out	14.330	17.220	1.420	0.727	86.72	6.197
15	Air (2)	測定値 Read Out	2.510	0.040 ppm	0.010	0.044	% m³	km
Yht	Sample (6)	測定値 Read Out	54.780	117.490	2.350 _{ppm}	0.876	50.56	5.767
Ynt	Air (3)	測定值 Read Out	2.600	0.030 ppm	0.010 ppm	0.046	% m³	km
		·	IHC		NO,	co,	₩#/F1 F	
計算結果 Calculations		0.171	co 0.848	0.036	157.919	燃費(Fuel Economy)	14.38	

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km/i

書類配布先

REMARKS

mile/gal

計測責任者 Test Engineer

g/km

7. Tamura

車両試験データ TEST READ OUT

Model	YZF1000DC	Drive	M.MAKI		
Vehicle Id	JYARN67Y9LA000001	Operator	T.YOSHIYAMA		

テストタイプ	13076km					
MIXTURE PRESSURE		2.90		kg/cm²		
走行時間 Test Time	開始(Start)	9:14	終了(Stop)	9:55		
全走行距離 Total Tet Distance		km				
天候 Weather	F					
大気圧 Atmosphere		101.7				

	Yct	Ys	Yht	Mean
DRY TEMP	297.2	299.5	297.4	298.0 к
WET TEMP	291.2	292.2	291.1	291.5 к
HUMIDITY	55.65	49.87	53.89	53.14 %
Тр	315.3	314.2	313.1	314.2 K
G1(=PP)	1	1	1	1.0 kPa

	BAC		НС	co	NO _x	CO2	希釈ガス量 Vmix	走行距離 Test Distance
	Sample (4)	測定値 Read Out	40.170	172.890	2.050	0.979		E 70E
Yct			ppm	ppm	ppm		<u>\$</u> 50.65	5.765
100	Air (1)	測定値 Read Out	2.410	0.040	0.020	0.044		
	(1)	Read Out	ppm	ppm	ppm		% m³	km
	Sample (5)	測定値 Read Out	11.040	14.900	1.560	0.738		
Ys -	(3)	Read Out	ppm	ppm	ppm		[%] 87.24	6.213
15		測定値 Read Out	2.400	0.050	0.010	0.043		
	(2)	Read Out	ppm	ppm	ppm		% m³	km
	Sample (6)	測定値 Read Out	52.370	120.070	2.290	0.881		
Yht	(0)	Read Out	ppm	ppm	ppm		50.86	5.761
ווו	Air	測定値	2.430	0.150	0.010	0.041		
	(3)	Read Out	ppm	ppm	ppm		% m³	km
	·		HC	GO	NO,	CO ₂	燃費(Fuel Economy)	
	計算網 Calculat		0.147	0.830	0.039	161.528	33.10	14.07

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REMARKS

YAHAMA MOTOR CO., LTD.

mile/gal

km/l

g/km

Test No. 20-N535-06 測定年月日 Z019 (Y) 5 (M) 10 (D)

計測責任者 Test Engineer 7. Tamura

車両試験データ TEST READ OUT

Model	YZF1000DC	Drive	M.MAKI	
Vehicle Id	JYARN67Y9LA000001	Operator	T.YOSHIYAMA	

テストタイプ	15018km					
MIXTURE PRESSURE		2.90		kg/cm²		
走行時間 Test Time	開始(Start)	9:22	終了(Stop)	10:04		
全走行距離 Total Tet Distance		km				
天候 Weather	F					
大気圧 Atmosphere	101.0 kPa					

	Yct	Ys	Yht	Mean
DRY TEMP	297.8	299.3	297.2	298.1 к
WET TEMP	291.5	292.3	290.9	291.6 K
HUMIDITY	54.40	51.57	53.78	53.25 %
Тр	315.8	314.1	313.0	314.3 к
G1(=PP)	1	1	1	1,0 kPa

	BAC	à	НС	co	NO _x	CO2	希釈ガス量 Vmix	走行距離 Test Distance
	Sample (4)	測定値 Read Out	46.360	190.120	1.930	0.974	50.39	5.789
Yct	Air (1)	測定値 Read Out	2.360	0.020	0.010	0.043		0.700
	· · · · · · · · · · · · · · · · · · ·	TODA OUT	ppm	ppm	ppm	9	m ³	km
	Sample (5)	測定値 Read Out	14.360	24.900	1.510	0.733		
Ys	(0)		ppm	ppm	ppm	9,	86.84	6.214
15	Air	測定値 Read Out	2.440	0.020	0.003	0.043		
	(2)	Read Out	ppm	ppm	ppm	9	m³	km
	Sample (6)	測定値 Read Out	55.760	147.800	2.350	0.888		
Yht	(0)	Read Out	ppm	ppm	ppm	9	50.59	5.775
int	Air	測定値	2.480	0.110	0.010	0.043		
	(3)	Read Out	ppm	ppm	ppm	9	m³	km
		- 	нс	co	NO _x	CO ₂	燃費(Fuel Economy)	
計算結果 Calculations		0.170	1.023	0.038	159.912	33.35	14.18	

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REMARKS

YAHAMA MOTOR CO., LTD.

mile/gal

<Exhaust Emission Test Results>

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Model Year	2020		Model Name	9	YZF1000	DC	Engine Displacement Cl	ass III	U.L.	30000	km
Engine Family	LYMXC	.998GEL	VIN		JYARN6	7Y9LA000001	Ex. Emission Control Device		AI+FI+CAT		
Displacement	998	cm ³	Engine Cod	е	N535		Crank Case Emission C	ontrol System	Sealed Type		
Transmission	MT-6		Evap. Famil	У	LYMXU0	016YDA	Evap. Control Device		Charcoal		
Test Inertia Mas	s 300	kg	S.A.		1/2		Rr. Tire Pressure		290 k	Pa	
			TEST	Tested		HC	NOx	CO		HC+NOx	
JOB		DATE	No.	at (km)	TEMP.	g/km	g/km	g/km		g/km	
3500	km	2/20/19	20-N535-	3546							
MINIMUM TES		2/20/19	01	3040							
7000	km	3/12/19	20-N535-	7037							
BEFORE MAINTN	ANCE	3/12/19	02	7037							
MAINTENANCE	(1)										
7000	km	3/14/19	20-N535-	7067							
AFTER MAINTEN	ANCE	3/14/19	03								
13000	km	4 /40 /40	20-N535- 12046								
BEFORE MAINTN	ANCE	4/12/19	04	13046							
MAINTENANCE (2	2)		·!		!	-					
13000	km	4 /4 0 /4 0	20-N535-	10070							
AFTER MAINTEN	ANCE	4/16/19	05	13076							
15000	km	5/10/19	20-N535-	15018							
TOTAL		5/10/19	06	13018							
		Regression	n Line		•						
		Deteriorat	ion Factor			-					
		Official Te	st Results								
		Certification	on Levels								

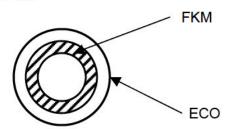
Fuel Line Permeation Test Report

Vehicle Manufacturer: YAMAHA MOTOR CO., LTD.
 Fuel Hose Manufacturer: KOKOKU INTECH CO., LTD.

Fuel Hose Identification K2001
 Test Fuel Hose Inner Diameter: 7.0 mm

5. Test Fuel hose Inner Area: 6594 mm² (= 300mm x π x 7.0mm)

6. Material: FKM/ECO



7. Minimum Thickness: 4.0 mm8. Test Method: SAE J309. Fuel: CE10

10. Permeation Rate: 11.136 g/m²/day
 11. Certification Level: 11.1 g/m²/day

Test Results

1. Pre-Soak: 4 weeks at 23 °C

Test Period 2006/10/30-2006/11/28

2. Permeation Test: 14 days at 23 °C

Test Period 2006/11/29-2006/12/12

y Rate Average Permeation Rate:

 $= 11.136 \text{ g/m}^2/\text{day}$





Fuel Line Permeation Test Report

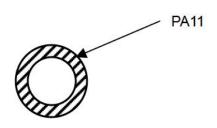
1. Vehicle Manufacturer: YAMAHA MOTOR CO., LTD.

Fuel Hose Manufacturer: MEIJI FLOW SYSTEMS CO., LTD.

3. Fuel Hose Identification M10014. Test Fuel Hose Inner Diameter: 6.0mm

5. Test Fuel hose Inner Area: 5652 mm² (= 300mm x π x 6.0mm)

6. Material: PA11



7. Minimum Thickness: 1.0 mm8. Test Method: SAE J309. Fuel: CE10

10. Permeation Rate: 10.87 g/m²/day
 11. Certification Level: 10.9 g/m²/day

Test Results

1. Pre-Soak: 4 weeks at 23 °C

Test Period 2004/11/15-2004/12/13

2. Permeation Test: 14 days at 23 °C

Test Period 2004/12/14-2004/12/27

	Permeation
Day	Rate
	g/m²/day
14-Dec-04	10.62
15-Dec-04	10.62
16-Dec-04	10.62
17-Dec-04	10.62
18-Dec-04	10.62
19-Dec-04	12.39
20-Dec-04	10.62
21-Dec-04	12.39
22-Dec-04	10.62
23-Dec-04	10.62
24-Dec-04	10.62
25-Dec-04	10.62
26-Dec-04	10.62
27-Dec-04	10.62

Average Permeation Rate:

 $= 10.87 \text{ g/m}^2/\text{day}$



Periodic maintenance and adjustment

EAUAB491

TIP

- From 24000 mi (37000 km) or 36 months, repeat the maintenance intervals starting from 8000 mi (13000 km) or 12 months.
- . Items marked with an asterisk require special tools, data and technical skills, have a Yamaha dealer perform the service.

EAU1790

Periodic maintenance chart for the emission control system

6	22			INITIAL		ODO	METER READ	INGS	
No.		War ITEM	ROUTINE	600 mi (1000 km) or 1 month	4000 mi (7000 km) or 6 months	8000 mi (13000 km) or 12 months	12000 mi (19000 km) or 18 months	16000 mi (25000 km) or 24 months	20000 mi (31000 km) or 30 months
1		Fuel line	Check fuel hoses for cracks or damage. Replace if necessary.	000/4.	4	4	4	1 70	Vago V
2		Spark plugs	Check condition. Adjust gap and clean.	1/3	700 V		4		E
3		Valve clearance	Replace. Check and adjust valve clearance when engine is cold.		10 Mg.	Every 26600 r	ni (42000 km)	,	
4		Crankcase breather system	Check breather hose for cracks or damage. Replace if necessary.		4	Orton V	4	4	4
5		Fuel injection	Adjust synchronization.	V	4	VO.	-√	-√	√
6		Exhaust system	Check for leakage. Tighten if necessary. Replace gasket(s) if necessary.		4	1,0	S. 4	4	4

Periodic maintenance and adjustment

				INITIAL	ODOMETER READINGS						
•	lo.	ITEM	ROUTINE (1000 kg or 1 mont		4000 mi (7000 km) or 6 months	8000 mi (13000 km) or 12 months	12000 mi (19000 km) or 18 months	16000 mi (25000 km) or 24 months	20000 mi (31000 km) or 30 months		
7		Evaporative emission control system (for California only)	Check control system for damage. Replace if necessary.			Allon U.S.	4		4		
8		Air induction system	Check the air cut-off valve, reed valve, and hose for damage. Replace any damaged parts if necessary.			7	(4.38.3) OOD		4		

YAMAHA MOTOR CORPORATION, U.S.A. 2015 AND LATER MODEL STREET & DUAL-PURPOSE MOTORCYCLE LIMITED WARRANTY

Yamaha Motor Corporation, U.S.A. hereby warrants that each new Yamaha motorcycle purchased from an authorized Yamaha motorcycle dealer in the continental United States will be free from defects in material and workmanship for the period of time stated herein, subject to certain stated limitations.

THE PERIOD OF WARRANTY for Yamaha motorcycles originally equipped with headlight, stoplight, and turn signals shall be one (1) year from the date of purchase, with no mileage limitation, except for the battery, which is warranted for thirty (30) days from the date of purchase.

MODELS EXCLUDED FROM WARRANTY include those used for non-Yamaha-authorized renting, leasing, or other commercial purposes.

DURING THE PERIOD OF WARRANTY any authorized Yamaha motorcycle dealer will, free of charge, repair or replace, at Yamaha's option, any part adjudged defective by Yamaha due to faulty workmanship or material from the factory. Parts used in warranty repairs will be warranted for the balance of the product's warranty period. All parts replaced under warranty become the property of Yamaha Motor Corporation, U.S.A.

GENERAL EXCLUSIONS from this warranty shall include any failures caused by:

- a. Competition or racing use.
- b. Installation of parts or accessories that are not qualitatively equivalent to genuine Yamaha parts.
- c. Abnormal strain, neglect, or abuse.
- d. Lack of proper maintenance and off-season storage as described in the Owner's Manual.
- e. Accident or collision damage.
- f. Modification to original parts.
- g. Damage due to improper transportation

SPECIFIC EXCLUSIONS from this warranty shall include parts replaced due to normal wear or routine maintenance.

THE CUSTOMER'S RESPONSIBILITY under this warranty shall be to:

- Operate and maintain the motorcycle as specified in the appropriate Owner's Manual, and
- Give notice to an authorized Yamaha motorcycle dealer of any and all apparent defects within ten (10) days after discovery, and make the machine available at that time for inspection and repairs at such dealer's place of business.

WARRANTY TRANSFER: To transfer the warranty from the original purchaser to any subsequent purchaser, it is imperative that the machine be inspected and registered for warranty by an authorized Yamaha motorcycle dealer. In order for this warranty to remain in effect, this inspection and registration must take place within ten (10) days after transfer. A reasonable dealer-imposed fee may be charged for the inspection.

EMISSIONS CONTROL SYSTEM WARRANTY

Yamaha Motor Corporation, U.S.A. also warrants to the ultimate purchaser and each subsequent purchaser of each Yamaha motorcycle covered by this warranty that the vehicle is designed, built, and equipped so as to conform at the time of sale with all U.S. emissions standards applicable at the time of manufacture and that it is free from defects in materials and workmanship which would cause it not to meet these standards within the periods listed immediately below. Failures other than those resulting from defects in material or workmanship which arise solely as a result of owner abuse and/or lack of proper maintenance are not covered by this warranty.

ENGINE DISPLACEMENT
Under 50cc
6,000 km (3,750 miles)
or five years, whichever occurs first
50cc to 169cc
12,000 km (7,465 miles)
or five years, whichever occurs first
170cc to 279cc
18,000 km (11,185 miles)
or five years, whichever occurs first
280cc or over
30,000 km (18,641 miles)
or five years, whichever occurs first

YAMAHA MOTOR CORPORATION, U.S.A. MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEED THE OBLIGATIONS AND TIME LIMITS STATED IN THIS WARRANTY ARE HEREBY DISCLAIMED BY YAMAHA MOTOR CORPORATION, U.S.A. AND EXCLUDED FROM THIS WARRANTY.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. ALSO EXCLUDED FROM THIS WARRANTY ARE ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING LOSS OF USE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

YAMAHA MOTOR CORPORATION, U.S.A.
Post Office Box 6555
Cypress, California 90630
1-800-962-7926

LIT-11790-21-15 15-550 Rev. 6/14

EPA

CONFIDENTIAL BUSINESS INFORMATION

Yamaha Motor Co., Ltd.
Certification Plan and Estimated Production Volumes

** 2020 Model Year

49 States Motorcycles

Class III (Useful Life 30000km)

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	_
* * ESTIMATED CORPORATE AVERAGE = (1) × (2) / (1) =	
* Revision	
**	
Issue Date:	

MODEL NAME ON INVOICE, BOX & C.O.C.	ENGINE FAMILY NAME	FEATURE BREAKDOWN	Model	Туре а	Type b	Year	CA/U49	Color
YZFR1LL	10/44VG 000051	YZFR1LL	YZFR1			L		L
YZFR1LB		YZFR1LB	YZFR1		6 9	L	2	В
YZFR1LCL		YZFR1LCL	YZFR1			L	С	L
YZFR1LCB	KYMXC.998GEJ	YZFR1LCB	YZFR1			L	С	В
YZFR1ML		YZFR1ML	YZFR1	M		L		
YZFR1MLC		YZFR1MLC	YZFR1	M		L	С	

Type code description

M: Moto GP Inspired

K: Model Year 2019

L: Model Year 2020

C: California Model

Colors:

L: Blue

B: Black

Yamaha Vehicle Identification Number Decoding

VIN Digit Position	Coding
1,2,3	World Mfr. ID (WMI)
4	Category Code (Table 1)
5	Displacement Code (Table 2)
6,7	Yamaha Model ID
	E = 49 State Model
	Y = CA or 50 State Model
8	3 or C = CARB Red Sticker
9	Check Digit (NHTSA Calculation)
10	Model Year: L = 2020 Assembly
11	Plant (Table 3)
12-17	Sequential Production #

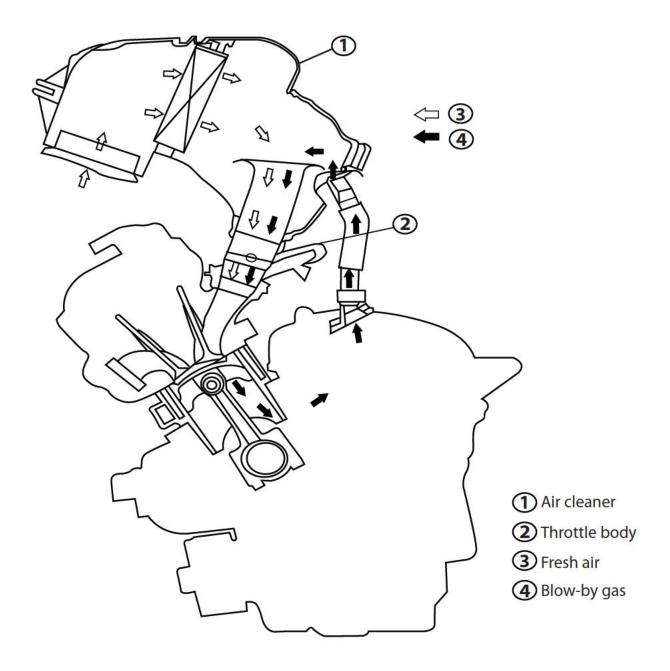
Table 1
S = Scooter
R = Sport Bike
V = V-Twin Engine
D = Dual Purpose
A = ATV & SxS
C = Off Road Motorcycle

Table 2
A = up to 50cc
B = 51 to 100cc
E = 101 to 125cc
G = 126 to 250cc
H = 251 to 400 cc
J = 401 to 600cc
M = 601 to 750cc
N = 751 - 1000cc
P = 1001cc and up

Table 3
ATV & SxS: A = YMMC (USA)
ATV (Small) T = Aeon (Taiwan)
Off Road Motorcycle TTR50: 0 = CJYM (China)
Off Road Motorcycle TTR125/230: 0 = YMDA (Brazil)
Highway Motorcycle A = YMC (Japan)
Highway Motorcycle K = Yamaha Indonesia
Scooter (50cc - 123cc) A = YMT (Taiwan)

Crankcase Breather Operation

Fuel Injected Models



Crankcase gases (black arrows) are developed due to engine operation. A spigot either in the crankcase or cylinder head is attached to a rubber hose.

The rubber hose is attached to the engine air cleaner. As the engine pulls air (white arrows) through the air cleaner, the crankcase gases are also pulled from the crankcase into the airbox.

Fresh air and crankcase gases are then pulled together through the intake track. During the combustion process, the crankcase gases are burned.

S08. AUXILIARY EMISSION CONTROL DEVICES

Model Year:

Manufacturer Name:

Engine Family:

TABLE A: Sensed Parameters versus Controlled Parameters*

		Control Parameters					
	N						
		ı					

^{*} The AECDs (and all other components) used in this engine family are fully compliant with the defeat device prohibitions in 40 CFR 86.409-78.

In accordance with the provisions of Title 17, California Code of Regulations, sections 91000 to 91022, and the California Public Records Act (Government Code Sections 6250 et seq.), Yamaha declares this AECD information submitted as a requirement by the California Air Resources is confidential "trade secret" information, and requests that it be protected as such from public disclosure.

Model Year 2020

Manufacturer Name YAMAHA MOTOR CO., LTD. Engine Family LYMXC.998GEL

TABLE B: Justifications for AECDs*

TABLE B: Justifications for AECDs*							LYMXC.998GEL				
	Sensed parameter	Entry condition	Exit condition	Actuator	Action						
		-									
		455									
			16			•					
T						•					
				,		•					
											

AECD Supplementary Information

Model Year: Manufacturer Name:

YAMAHA MOTOR CO., LTD.

Engine Family: LYMXC.998GEL



